

IN THE CLAIMS

Claims 1 – 8, 10 – 22, 24 – 28 and 30 -32 are pending in this application with claims 1 – 3 and 20 being withdrawn from consideration.

1. (Withdrawn) A method of relieving an itch, pain, and swelling resulting from insect bites and stings, said method comprising the step of topically applying to the affected area a pharmaceutical composition containing an effective amount of an abrasive ingredient, together with a carrier material for said abrasive ingredient.

2. (Withdrawn) The method according to claim 1, wherein the abrasive ingredient is selected from the group consisting of walnut shells, pumice, plastic materials, sand or stone, glass, seed or fruit shells, seeds, metal any sort of brush, abrasive applicators, chitosan or ground crab shells, all at 35-60 mesh.

3. (Withdrawn) The method according to claim 2, wherein said abrasive ingredient is applied as a solution in an aqueous pharmaceutical carrier.

4. (Currently Amended) A pharmaceutical composition for topical application to a site of insect bites and stings to relieve any of itch, pain, and swelling associated therewith, consisting of an effective amount of an abrasive ingredient and a carrier, wherein upon application by a user said composition is able to abrade the site and circulate at least one of a toxin and venom out from said site;

wherein said abrasive ingredient is selected from the group consisting of walnut shell, pumice, plastic material, sand, stone, glass, seed shell, fruit shell, seed, metal, chitosan and ground crab shell;

wherein said carrier is selected from the group consisting of vegetable oil, fruit oil, soap, surfactant, lubricant, mineral oil, petrolatum, gel, lotion, emollient, white

petroleum, beeswax, di-propylene glycol, gum, lubricating jelly and olive oil.

5. (Currently Amended) A pharmaceutical composition for topical application to a site of insect bites and stings to relieve any of itch, pain, and swelling associated therewith, consisting of an effective amount of an abrasive ingredient and a carrier, wherein upon application by a user said composition is able to abrade the site and circulate at least one of a toxin and venom out from said site;

wherein said abrasive ingredient is selected from the group consisting of walnut shell, pumice, plastic material, sand, stone, glass, seed shell, fruit shell, seed, metal, chitosan and ground crab shell;

wherein said carrier is selected from the group consisting of vegetable oil, fruit oil, soap, surfactant, lubricant, mineral oil, petrolatum, gel, lotion, emollient, white petroleum, beeswax, di-propylene glycol, gum, lubricating jelly and olive oil; and an itch-reducing amount of an enzyme chosen from the group consisting of papain, subtilisin, and pancreatin, is added to the pharmaceutical composition for application to the surface of the skin proximate to said insect bite or sting.

6. (Original) The pharmaceutical composition for topical application according to claim 4, wherein the composition is in the form of a lotion.

7. (Original) The pharmaceutical composition for topical application according to claim 4, wherein the composition is in the form of a paste.

8. (Original) The pharmaceutical composition for topical application according to claim 4, wherein the composition is in the form of a liquid.

9. (Cancelled)

10. (Currently Amended) A pharmaceutical composition for topical application to a site of insect bites and stings to relieve any of itch, pain, and swelling associated therewith, consisting of an effective amount of an abrasive ingredient and a carrier, wherein upon application by a user said composition is able to abrade the site and circulate at least one of a toxin and venom out from said site;

wherein said abrasive ingredient is selected from the group consisting of walnut shells, pumice, plastic materials, sand, stone, glass, seed shell, fruit shell, seed, metal, chitosan and ground crab shell;

wherein said carrier is selected from the group consisting of vegetable oil, fruit oil, soap, surfactant, lubricant, mineral oil, petrolatum, gel, lotion, emollient, white petroleum, beeswax, di-propylene glycol, gum, lubricating jelly and olive oil; and an active ingredient.

11. (Previously Presented) The pharmaceutical composition for topical application as recited in claim 10, wherein the active ingredient is selected from the group consisting of menthol, antihistamines, diphenhydramine hydrochloride, germicidal disinfectant, aloe, aloe vera, silicone, antiseptic preparations, antimicrobial agents, triclosan, broad spectrum surface disinfectants, lidocaine, boric acid, borates, vitamins, oils from flowers, plants or animals, antibiotic ointments, hydrocortisone cream, hydrocortisone acetate, swelling and pain reducers, benzocaine, isobutene, hydrogen peroxide, iodine, zinc acetate, ammonia hydroxide, citronella, peppermint oil, analgesic ingredients, antihistamine ingredients, calamine, camphor, clove oil and methylparaben.

12. (Original) The pharmaceutical composition according to claim 5 wherein said abrasive ingredient and said anti-itch enzyme are applied as a solution in an aqueous pharmaceutical carrier.

13. (Currently Amended) A pharmaceutical composition for topical application to a site of insect bites and stings to relieve any of itch, pain, and swelling associated therewith, consisting of effective amount of an abrasive ingredient ~~able to abrade the site and circulate at least one of a toxin and venom out from said site~~; and an effective amount of an anti-itch enzyme; said abrasive ingredient and said anti-itch enzyme being dispersed in a water based pharmaceutical carrier comprising effective amounts of polysorbate 60; isopropyl palmitate; pentaerythrityl ~~tetracaprylate~~ tetracaprylate, pentaerythrityl ~~caprate~~ tetracaprate; poliwax emulsifying wax NF; ~~cetrearyl~~ cetearyl alcohol; ethyl alcohol; methylparaben; sodium hydroxide; NaHCO₃; and propylene glycol; wherein upon application by a user said composition is able to abrade the site and circulate at least one of a toxin and venom out from said site.

14. (Original) The pharmaceutical composition for topical application according to claim 13, wherein the composition is in the form of a lotion.

15. (Original) The pharmaceutical composition for topical application according to claim 13, wherein the composition is in the form of a paste.

16. (Original) The pharmaceutical composition for topical application according to claim 13, wherein the composition is in the form of a liquid.

17. (Original) The pharmaceutical composition for topical application according to claim 13, wherein the composition is in the form of a powder.

18. (Currently Amended) A pharmaceutical composition for topical application to a site of insect bites and stings to relieve any of itch, pain, and swelling associated therewith, consisting of effective amount of an abrasive ingredient ~~able to abrade the site and circulate at least one of a toxin and venom out from the site~~; and effective amount of

an anti-itch enzyme; said abrasive ingredient and said anti-itch enzyme being dispersed in a water based pharmaceutical carrier comprising effective amounts of polysorbate 60; isopropyl palmitate; pentaerythrityl tetracaprylate tetracaprylate, pentaerythrityl caprate tetracaprate; poliwax emulsifying wax NF; cetrearyl cetearyl alcohol; ethyl alcohol; methylparaben; sodium hydroxide; NaHCO₃; and propylene glycol and anesthetic; and an active ingredient; wherein upon application by a user said composition is able to abrade the site and circulate at least one of a toxin and venom out from the site.

19. (Previously Presented) The pharmaceutical composition for topical application according to claim 18, wherein the active ingredient is selected from the group consisting of menthol, antihistamines, diphenhydramine hydrochloride, germicidal disinfectant, aloe, aloe vera, silicone, antiseptic preparations, antimicrobial agents, such as triclosan, broad spectrum surface disinfectants, lidocaine, boric acid, borates, vitamins, oils from flowers, plants or animals, antibiotic ointments, hydrocortisone cream, hydrocortisone acetate, swelling and pain reducers, benzocaine, isobutene, hydrogen peroxide, iodine, zinc acetate, ammonia hydroxide, citronella, peppermint oil, analgesic ingredients, antihistamine ingredients, calamine, camphor, clove oil and methylparaben.

20. (Withdrawn) A method of producing the pharmaceutical composition for topical application according to claim 13, comprising the steps of:

adding distilled water and propylene glycol to a first vessel;

heating the first vessel to 75 degrees Celsius with stirring;

adding to a second vessel, effective amounts of polysorbate 60, isopropyl palmitate, pentaerythrityl tetracaprylate/caprate, poliwax emulsifying wax NF, and cetrearyl alcohol;

heating the second vessel to 75 degrees Celsius with some stirring until homogeneous;

adding the contents of the second vessel slowly to the first vessel, with rapid mixing;

adding an Ethyl alcohol to the combined mixture in vessel 1;
removing the combined mixture in vessel 1 from the heat and start cooling said vessel;
stirring in an abrasive ingredient and NAHCO₃ and anti-itch enzyme at 50 degrees Celsius;
adjusting the PH to 7.50;
stirring in the Sodium Hydroxide; and
checking the pH is again and adjusting if necessary.

21. (Currently Amended) A pharmaceutical composition for topical application to a site of insect bites and stings to relieve any of itch, pain, and swelling associated therewith, consisting of effective amount of an abrasive ingredient and a carrier for said abrasive ingredient suitable for topical application to the site of the insect bite or sting, wherein upon application by a user said composition is able to abrade the site and circulate at least one of a toxin and venom out from the site.

22. (Previously Presented) The composition according to Claim 21, wherein the abrasive ingredient is selected from the group consisting of walnut shell, pumice, plastic material, ground sand, ground stone, ground glass, seed shell, fruit shell, seed, metal, chitosan and ground crab shell.

23. (Cancelled)

24. (Original) The composition according to Claim 21, wherein the carrier is said carrier selected from the group consisting of vegetable and fruit oils, soaps, surfactants, lubricants, mineral oils, petrolatum, gels lotions, emollients, white petroleum, beeswax, di-propylene glycol, gums, lubricating jelly and olive oils.

25. (Previously Presented) The composition according to Claim 21, wherein the carrier is selected from the group consisting of vegetable oil, fruit oil, soap, surfactant, lubricant, mineral oil, petrolatum, gel, lotion, emollient, white petroleum, beeswax, di-propylene glycol, gum, lubricating jelly and olive oil.

26. (Original) The pharmaceutical composition for topical application according to claim 21, wherein the composition is in the form of a lotion.

27. (Original) The pharmaceutical composition for topical application according to claim 21, wherein the composition is in the form of a paste.

28. (Original) The pharmaceutical composition for topical application according to claim 21, wherein the composition is in the form of a liquid.

29. (Cancelled).

30. (Currently Amended) A pharmaceutical composition for topical application to a site of insect bites and stings to relieve any of itch, pain, and swelling associated therewith, consisting of effective amount of an abrasive ingredient and a carrier for said abrasive ingredient suitable for topical application to the site of the insect bite or sting, and an active ingredient, wherein upon application by a user said composition is able to abrade the site and circulate at least one of a toxin and venom out from the site.

31. (Previously Presented) The pharmaceutical composition for topical application according to claim 30, wherein the active ingredient is selected from the group consisting of menthol, antihistamines, diphenhydramine hydrochloride, germicidal disinfectant, aloe, aloe vera, silicone, antiseptic preparations, antimicrobial agents, triclosan, broad spectrum surface disinfectants, lidocaine, boric acid, borates, vitamins, oils

from flowers, plants or animals, antibiotic ointments, hydrocortisone cream, hydrocortisone acetate, any swelling and pain reducer, benzocaine, isobutene, hydrogen peroxide, iodine, zinc acetate, ammonia hydroxide, citronella, peppermint oil, any analgesic ingredient, any antihistamine ingredient, calamine, camphor, clove oil and methylparaben.

32. (Currently Amended) A pharmaceutical composition to a site of insect bites and stings to relieve any of itch, pain, and swelling associated therewith, consisting of effective amount of an abrasive ingredient and a carrier for said abrasive ingredient suitable for topical application to the site of the insect bite or sting, wherein the abrasive ingredient is selected from the group consisting of walnut shell, pumice, plastic material, ground sand, ground stone, ground glass, seed shell, fruit shell, seed, metal, chitosan and ground crab shell; and an aqueous pharmaceutical carrier, wherein upon application by a user said composition is able to abrade the site and circulate at least one of a toxin and venom out from the site.

33. (Currently Amended) A pharmaceutical composition for topical application to a site of insect bites and stings to relieve any of itch, pain, and swelling associated therewith, consisting of an effective amount of an abrasive ingredient and a carrier, wherein upon application by a user said composition is able to abrade the site and circulate at least one of a toxin and venom out from said site;

wherein said abrasive ingredient is selected from the group consisting of walnut shell, pumice, plastic material, sand, stone, seed shell, fruit shell, seed, metal, chitosan and ground crab shell;

wherein said carrier is selected from the group consisting of vegetable oil, fruit oil, soap, surfactant, lubricant, mineral oil, petrolatum, gel, lotion, emollient, white petroleum, beeswax, di-propylene glycol, gum, lubricating jelly and olive oil.